Subject: Minutes: DSS-13 Weekly Meeting 7-21-08
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Minutes: DSS-13 Weekly Meeting on 7-21-08

DSS-13 Antenna Activities: DSS-13 staff and Art Freiley performed RF performance validation of the repaired S/X LNA on 7/14/ and 7/15 (as reported last week). The results show that X-band works properly with improved gain stability. However the system noise temperature of S-band is about 46K which is about 4K higher than normal. We plan to do some more investigation during the maintenance time on Friday, 7/25/08.

Full Sky 4th Order Pointing Model: D. Rochblatt plans to work on the pointing calibration at DSS-13 next week. He will give confirmation and the exact dates on Friday, 7/25/08.

DSS-13 Remote Operations: Sent email to K. Massey and R. Haroldsson on 7/21/08 to propose a test & evaluation of DSS-13 web-based surveillance camera at SPC-10. The procurement of the hardware needed for the hardwire connection of the video signal from DSS-13 to SPC-10 has been put on hold.

Bandwidth and Band-limit of Ka-band System: M. Franco will start working on this task on 7/23/08 and 7/24/08. The
main objective is to measure the Ka-band bandwidth with and without the X/Ka dichroic and identify components that cause the bandwidth limitation.

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